

"One of the most terrible examples of reckless driving is a woman at work with a hammer."



"A dog has so many friends because it isn't his tongue that does the wagging."

Vol. XIV No. 1

PUBLISHED MONTHLY BY EMPLOYEES OF DETROIT TRANSMISSION DIVISION OF GENERAL MOTORS

April 1956

# NATIONWIDE DEDICATION OF GM TECHNICAL CENTER MAY 15-16

## HISTORY OF TECHNICAL CENTER

First public announcement of GM's Technical Center intentions was made July 24, 1945, by Alfred P. Sloan, Jr., Chairman of the Board, at a "More Jobs Through Research" luncheon at the Waldorf-Astoria. Present was a group of scientists, educators, editors, engineers and industrialists.

"This new Technical Center," Mr. Sloan declared, "represents long considered plans of General Motors to expand at the right time and on a broad scale its peacetime research, engineering and development activities, and even more progressively pursue its postwar policy of continual product improvement."

"... The end objective is more and better things at lower prices, thus expanding job opportunities to an advancing standard of living."

On October 23, 1945, on a 320-acre site north of Detroit near Warren, Mich. a ground-breaking spade turned the first sod for the Technical Center's drainage system. Thereafter earth-movers went to work.

Engineering Staff began excavations for its buildings July 1949. Staff members began moving into their new quarters by late summer 1950 and in another year they displayed their complete facilities with a press preview.

Engineering Staff occupies three buildings on the Technical Center site, Administrative, Dynamometer and Shop. Its Parts Fabrication group is housed in a building south of Twelve-Mile Road.

First Research Staff unit to get under way was Metallurgical Research Building, which contains an experimental foundry. Work on it began in April 1950 and members of Metallurgical Engineering Department were occupying it by November 1951.

In July 1950 two other structures in Research Staff's eight-building group were under way, the Engineering Research and Fuel Blend buildings, and both were operating by November 1953.

By May 1951 construction had started on Research Manufacturing (Shop) Building and it was in service by November 1953.

Mr. Kettering, Mr. McCuen and Mr. Wilson each used a silver-plated spade to break ground May 2, 1952, for Research Staff's main structure, the Administration Building which is the headquarters of the eight-building group. By June 1955 most of the Research Staff departments had made their transfer from their downtown quarters at Milwaukee and Second to the Technical Center.

Three other special purpose buildings at the northern end of the site make up the rest of the Research Staff organization. They are the Gas Turbines Research Building, begun in April 1952 and completed in December 1954; the Research Wind Tunnel, begun in November 1952 and completed in May 1955, and the Research Isotope Laboratory, begun in August 1954 and completed in November 1955.

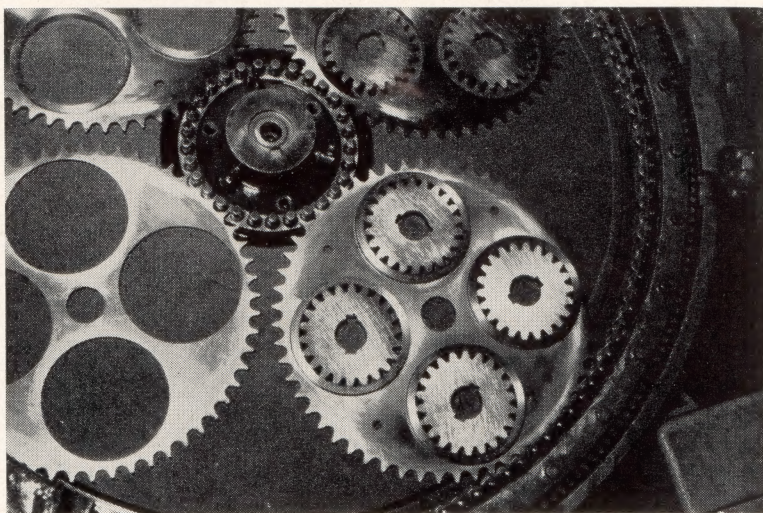
The two buildings now occupied by Process Development Section, formerly headquartered in a section of the Cadillac Motor Car Division plant, were begun March 11, 1953, and by August 1, 1954, they were in operation. Production Engineering Section moved in from its former base in General Motors Building.

Technical Center Service Section Administration Building was begun in April 1952 and was officially turned over to General Motors by June 1954.

## WINS FIRST \$2500.00 SUGGESTION AWARD OF 1956



FRANK PETRILL, 140-002, Gear Division, wins \$2500.00 suggestion award. Frank's idea made it possible to discontinue a burring operation on the Pump Gear. L to R: B. Bejma, Foreman, Frank Petrill, E. A. Kaegi, General Manager and Walter B. Herndon, Works Manager.



Showing bronze inserts idea that won \$2,500.00 suggestion award for Frank Petrill.

The adjoining shop building construction was started in November, 1950, and by May 1952 it was completed.

The main power house, operated by Technical Center Service Section, was under way in November 1949 and completed by March 1952.

The last building group to be constructed was for Styling. Harley J. Earl, Vice President in Charge of Styling Staff, and his former assistant, Howard O'Leary, spaded the first earth for the Styling Studio and Shop Building on February 23, 1953. Construction of Styling Administration Building began July 1953 and work on Styling Auditorium was under way in October 1954.

Styling moved into its new headquarters on September 16, 1955. That date, for all practical purposes, unofficially marked the completion of the Technical Center. It was an historical high point marking the settlement of all GM general staff organizations on the Technical Center site, as provided in the original plans for the facility.

## OPEN HOUSE AT OUR DIVISION MAY 16TH

DTD will join all other divisions of General Motors in celebrating the dedication of the General Motors Technical Center Dedication, May 15-16th. Our division is planning an Open House for employees and their families on May 16th, from 2 until 8 P.M. Our Open House will give recognition to the source of all jobs—Engineering and Research—and the contribution they have made in developing tomorrow's job opportunities through the creation and manufacture of new and better products. At the last open house at our division over 10,000 visitors attended.

### XP-500

The XP-500, first automobile in the world powered by a new engine that burns almost any type of fuel, was announced by General Motors President Harlow H. Curtice.

It will be unveiled at the May 15-16

dedication of the new General Motors Technical Center, where such engines have been under the test the past three years.

Known as the free piston engine, designated GM-10-10, Mr. Curtice said the experimental power package represents an entirely new concept in automotive power.

"Although the principle of the free piston engine has been known for more than 30 years," the GM president declared, "General Motors Research Staff is first to put it to work in an automobile."

The XP-500's engine has no crankshaft or connecting rods, no rotating parts in the manner of a conventional auto engine with its pistons spinning a crankshaft. Basically its pistons operate like a bicycle tire pump or old-fashioned fireplace bellows, blowing hot gases through a pipe to a turbine.

The spinning turbine powers the rear wheels of this revolutionary experimental motor car.

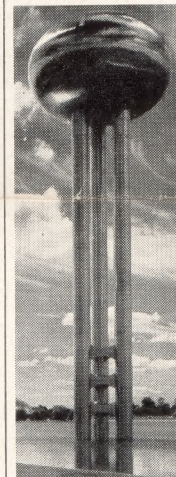
## PRODUCTION MILESTONES OF HYDRA-MATIC PASSENGER CAR TRANSMISSIONS

October, 1939—The first Hydra-Matic transmission was shipped on a production order.  
November, 1940—50,000th Hydra-Matic transmission.  
March 24, 1941—100,000th Hydra-Matic transmission.  
September 22, 1947—500,000th Hydra-Matic transmission.  
January 6, 1949—1,000,000th Hydra-Matic transmission.  
June 22, 1950—2,000,000th Hydra-Matic transmission.  
August 7, 1951—3,000,000th Hydra-Matic transmission.  
January 16, 1953—4,000,000th Hydra-Matic transmission.  
March 22, 1954—5,000,000th Hydra-Matic transmission.  
March 4, 1955—6,000,000th Hydra-Matic transmission.  
November 4, 1955—7,000,000th Hydra-Matic transmission.

General Motors will officially dedicate its new Technical Center, May 15-16. The program will commemorate the completion of the 330 acre, 25 building site at Warren, Michigan, north of Detroit.

The two day program will begin with a news conference, May 15, attended by the country's leading science, industrial and technical writers. On May 16, Harlow H. Curtice, President of General Motors, will speak at the official dedication ceremony to an audience of more than 5,000 of the nation's science, engineering, education and industry leaders. The program will be carried on a closed circuit telecast to 61 General Motors plant cities across the United States, where more than 18,000 G.M. officials, civic and industrial leaders will gather at dedication luncheons.

At the same time General Motors plants throughout the country (Detroit Transmission Division included) will stage large open house programs, welcoming the public to visit their facilities.



DEDICATED  
TODAY FOR A  
BETTER  
TOMORROW

## TECHNICAL CENTER OPEN HOUSE MAY 19-20

It is planned that there will be an open house at the GM Technical Center for employees and their families in this area on Saturday and Sunday, May 19 and 20th.

Admission will be by tickets only, both to the parking area and to the Technical Center proper, and distribution will be made through supervision on a first come-first serve basis.

Inasmuch as there will be a limited number of parking area tickets available to our division, employees wishing to attend are urged to share the ride to the maximum degree, and thereby affording more people the opportunity of attending the opening.

The Technical Center is the home of four GM staff organizations—Research Staff, headed by Dr. Lawrence R. Hafstad; Engineering Staff, headed by Vice President Charles A. Chayne, Styling, headed by Vice President Harley J. Earl, and Process Development Section of Manufacturing Staff, headed by Vice President John J. Cronin.

The Research Staff develops the kind of fundamental information which may prove useful to any of the technical groups within GM. Its work encompasses metallurgy, chemistry, and many phases of mechanical engineering. In addition, its specialized facilities and personnel are made available to the divisions for service purposes.

The Engineering Staff concentrates on long-range development work with automotive engines, suspensions, automatic transmissions, body structures, ordnance vehicles and vehicle components. It investigates special design projects that are beyond the research stage but not close enough to production to justify divisional development.

(Please turn to page 5)





PUBLISHED MONTHLY BY AND FOR THE EMPLOYEES OF  
DETROIT TRANSMISSION DIVISION

HOWARD J. HARVEY, *Editor*  
*Director of Publications*



*Awarded the Freedom Foundation's George Washington Honor Medal for 1952—"for outstanding achievement in bringing about a better understanding of the American way of life."*

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April 1956

No. 1

## FREEDOM

Americans don't want any interference with their political freedom—or religious or educational freedom; freedom of speech and press. But sometimes people fall for the line that economic freedom is 'different'—that it would be better if government controlled such things as business size, production, profits, wages and prices.

This theory follows from the old socialist complaint that our free economic system is 'laissez faire,' meaning a do-as-you-please, anything-goes, way of running the nation's business.

However, economic freedom does not mean that business does as it pleases. Every form of freedom has its own natural laws and obligations. The laws of the free economy are hard—but they work.

In our American system, competition sets up the laws. The business man must compete for capital . . . for new ideas . . . better quality . . . lower costs skilled employees . . . above all, to win and hold the customer's choice. He must faithfully meet obligations to the public, to employees, to government, and investors.

Economic freedom is the freedom to risk everything on an idea and get into the thick of competition, in the hope of building a profitable enterprise. By contrast, socialism discourages risk-taking, stops competition, and profits hardly anyone.

American business does not do as it pleases; it does as the customer pleases—which is the hard way, but the best way for all of us, as employees and as Americans.

## JOHN "Q" PUBLIC PLANS LONG STAY AT D.T.D.

### JOHN Q. PUBLIC & YOU

Who is John Q. Public and what is his middle name?

You have seen the answer in the plant for the last two weeks.

Quality is his middle name.

Quality is a subject of most importance to each of us.

Quality costs nothing and should be a part of everyone's handiwork.

Quality transmissions attract buyers, build sales and provides job security.

We all recognize the importance of building a quality transmission to bear the name Hydra-Matic.

This responsibility for quality rests on each of us. As John Q. Public says: "my middle name is Quality. I am your responsibility."

E. A. Kaegi, General Manager, has announced that during the months of April-May-June-July of 1956, a considerable amount of attention and publicity will be devoted to the problem of improving the quality of our transmissions.

Quality Performance Boards will be at entrance No. 3, 4 and 5 to keep you advised of your Division's standing.

happy



This is John Q. Public

A man of many faces

And just remember you're the one

Who puts him thru his paces

sad



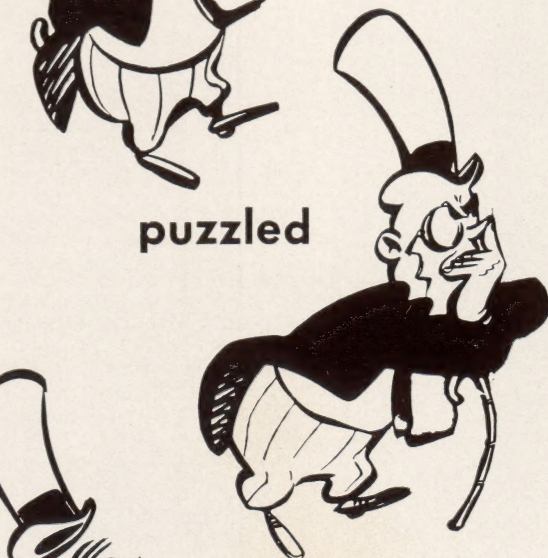
Sometimes he's happy

Sometimes he's sad

Sometimes he's puzzled

Sometimes he's mad

puzzled



But when John Q. is beaming

There's not the slightest doubt

You've built him a TRANSMISSION

With quality throughout

mad





# SAFETY

Everybody's Business At Our Division

Max Zimmerman—Safety Director

## SPRING SAFETY—AT WORK AND AT PLAY

It's SPRING!!! The whole out of doors is coming to life after a winter of sleep; and for some reason it seems difficult to keep your mind from wandering. There are so many things to think about—baseball, fishing, vacation, the hundred and one little things you've been wanting to get done around the house. But w-a-i-t a minute. Let's make sure we will be here to appreciate spring, this year and every year.

Keep your mind on the business at hand. Whether you're on the job at D.T.D. or driving back and forth to work, you can't afford to be day dreaming. That's how accidents happen. When you don't pay attention, little danger signs go unnoticed until it's too late.

You may not be aware of that group of children playing by the road—until one of those children darts in front of your car.

You may not be paying attention on the job and allow the floor around your work area to become cluttered. But, if you or someone else is hurt because of your carelessness, you'll never forget it.

You see, being cautious yourself isn't enough. You must learn to watch out for the other fellow who neglects his duty and endangers the happiness of everyone around him.

You may be thinking, "this doesn't apply to me," and that's where you're wrong. The fellow who thinks he doesn't need more safety is the one who needs it most. Overconfidence can be just as deadly as neglect.

A bird sailing through the April sky knows he can fly, but he doesn't stop beating the air with his wings. He can't afford to, any more than you can afford to stop practicing safety.

Certainly it's not easy to always be on guard; and it hardly seems fair to have to protect others from danger when they do nothing to protect themselves, and sometimes seem to go out of their way to endanger others. Yet, that is the only way we can insure ourselves and our loved ones of a longer, happier life.

Anything that is worth having is worth working and fighting for. The health and happiness of you and your family cannot be taken for granted. They cannot be attained if one member is injured, perhaps permanently disabled, because that person did not practice safety. Each and every one of us must constantly strive to make our world a safer place in which to live. It isn't an easy job, but safety always pays off—in life.

Now, go on, do your day dreaming, plan your vacation; but not on the job or on the highway—do it in your easy chair at home to make sure you will be around to fulfill those dreams.

## "Safety" Is More Than a Word!

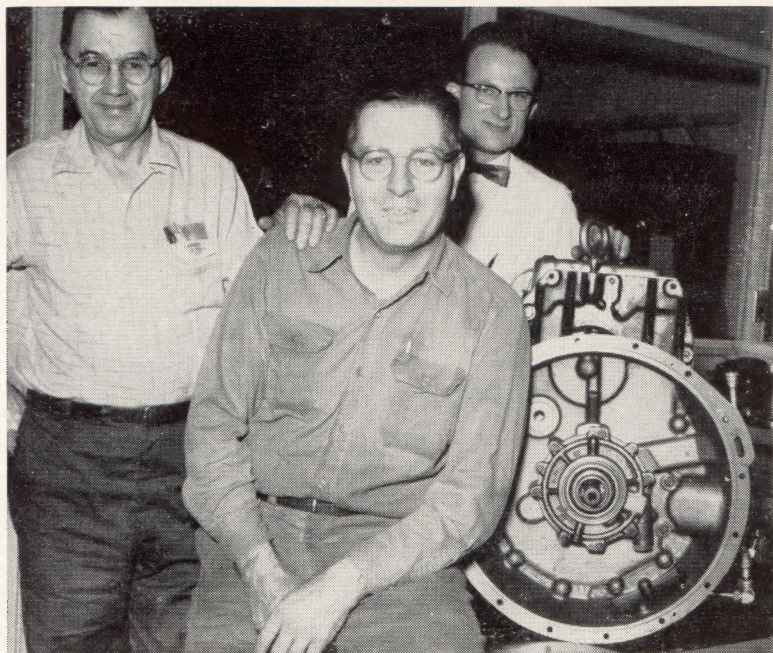
As far as safety is concerned, the average person is better off at work than he is at home or on the road to work!

Statistics show that last year more than 44% of all accidents occurred in homes, 33% on the highways, and but 20% on the job.

American industry has invested millions of dollars in safety programs and through them has helped reduce industrial accidents many fold. Guards for machinery, personal safety equipment for employees, safety measures and devices in all departments and persons whose sole preoccupation is safety are bringing down the rate of industrial accidents constantly each year.

But "safety" is more than a word, more than a program. It is a brainy, vigorous effort to see that we live out our full share of time on the good green earth—that we live it to the full while we're at it. "Safety" is a series of constant, man-sized steps along the sunny side of life. It is more ability, more time, more dollars, more security.

## TWIN HYDRA-MATIC MECHANIC IN ENGINEERING FATHER OF TWINS



Leonard Stegall, project mechanic in Engineering, became the father of a twin boy and girl on March 26th, named Kelvin Ross and Karen Maureen. Len's wife Agnes, was formerly employed for three years with the division. Louis Weis and Roderick Tipping, of Engineering are shown congratulating Len on his twin arrivals.

## EYE NO. 38 SAVED AT D. T. D.



Employee Daley Davenport, 120-255, had the lens in his safety glasses broken while operating a No. 1921 Snyder Drill.

Employee Davenport stated that he has been working on this job for over five years and this the first time anything like this ever happened. He further stated that safety glasses are the best thing that could have happened to him. "I saved my eye—what more!"

## WIN A SUGGESTION AWARD

Can one tool do the work of two separate tools?

Can a lower cost material be substituted satisfactorily?

Can material used be formed or cut or trimmed differently to save?

Can quality be improved?

Is there a way by which, in my department, I can reduce the machine downtime?

## NEW SHOE STYLES



New Styling in Safety Shoes—Safety shoes that can be worn for all purposes, shown above, are now available at your Safety Shoe Store located next to the Safety Crib. New styles for men include pebble grain, moccasin and low boy oxfords. Featured for women are wedgie soled all white and two tone oxfords. Shoes are available in either leather or neoprene oil resisting soles.

## EYE NO. 39 SAVED AT D. T. D.

Read why employee Willie C. Brown, 321-420, was glad he was wearing safety glasses while attempting to replace a broken tap.

"I intended to replace a broken tap which was still in the tap holder. After locking the tap in a vise, I started to turn the holder when all of a sudden the tap cracked off and bit my left lens. It bit so hard that it bounced off my lens and struck another employee on the arm. Thank goodness I received no injury to my eye."

## WINS CAFETERIA EMPLOYEES SAFETY CONTEST



Sarah Hull (Cafeteria) is mighty pleased with the radio clock presented to her by M. C. Garland, Cafeteria Manager. Sarah won one of the safety awards contested for nationally by the employees of the Nationwide Food Service.

WITH THIS ISSUE HYDRA-MATIC STARTS ITS FOURTEENTH YEAR OF PUBLICATION!

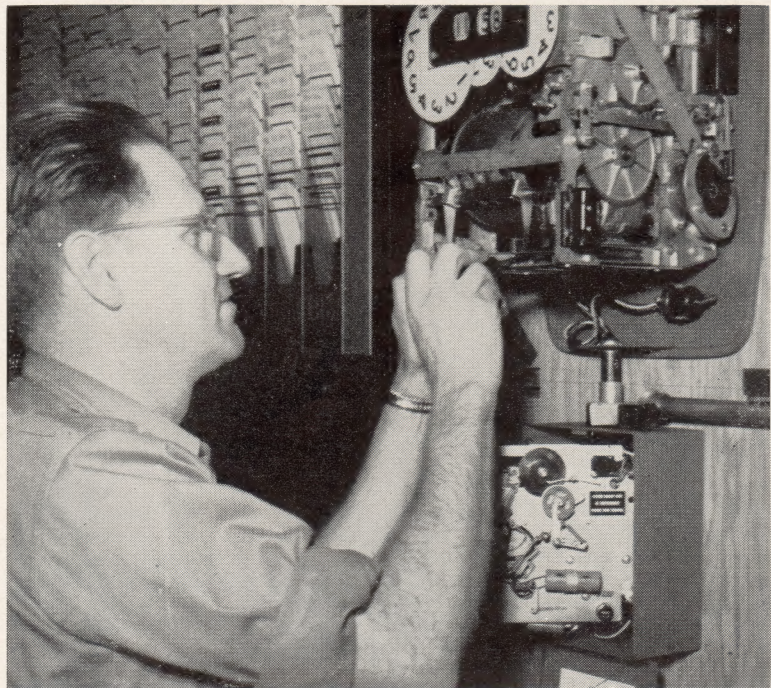
## RETIREE TOM BURTON RETURNS TO VISIT FRIENDS AT DIVISION



STANDING: Joe Heyers, Fire Chief, Sgt. Eddie Grincewicz, Sgt. Irv. Sisler, and Sgt. John Kongs. SEATED: Cap't. Joe Elliott and Tom Burton, who retired last June.

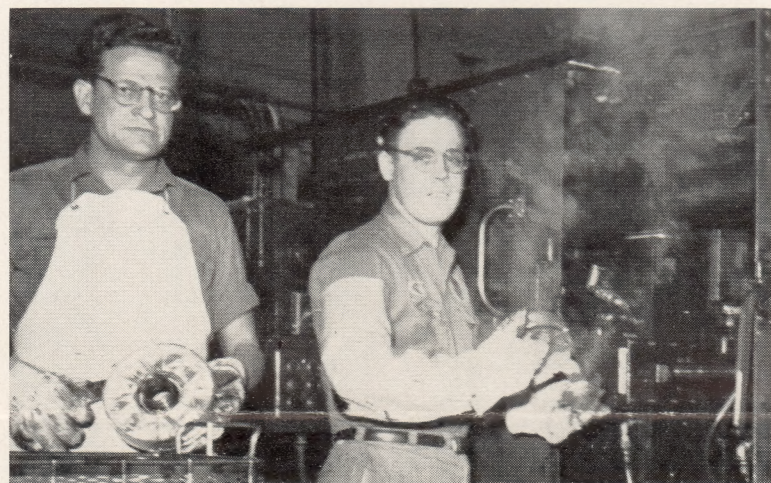


## NOT MUCH TIME ON HIS HANDS



William Schultz (Dep't. 802) has kept real busy for the last year repairing and adjusting the 74 time clocks in the plant. He checks each one every day. He has been with our division for three years.

## DIVISION PRODUCES DIE CASTINGS FOR PRODUCTION



L. to R: C. Reynolds, and C. Scarlett, diecast operators.



In January, 1955, Detroit Transmission Division produced its first die casting, an Annular Piston. Approximately 700,000 castings were made before changing over to run the Front Unit Torus Cover for our new Hydra-Matic transmission. L. to R: M. Barber, Superintendent, Torus Division, C. Cross, Process Dept., H. Trombley, Supervisor, Process Dept., and A. Burd, Gen'l Foreman, Torus Division.

## HIGHLIGHTS AT GM TECH CENTER

The General Motors Technical Center occupies a 320-acre site or one-half a square mile in an area of more than 900 acres. The total square feet of building is 2,250,000.

An artificial lake on the General Motors Technical Center site is 1,780 feet long by 560 feet wide or 22 acres. Depth is 7 feet.

A water curtain on the west side of the artificial lake at the General Motors Technical Center is 115 feet wide and 50 feet high. It requires 6,000 gallons of water per minute (about 166 bathtubs full). The water ballet fountain at the northwest end of the lake, designed by Alexander Calder, has 21 jets which shoot water 50 feet high. They pump 3,600 gallons per minute.

The stainless steel clad water tower at the northeast end of the artificial lake at the General Motors Technical

Center is 132 feet high or approximately the height of a 12-story building. It holds 250,000 gallons of water.

At the southwest end of the General Motors Technical Center site is the Styling auditorium with an aluminum sheathed steel dome. It is 65 feet high and has a span of 188 feet. The steel plates of which it is constructed are 3/8 of an inch thick or as thin in relation to their area as 1/30 of an eggshell would be to its area.

The General Motors Technical Center has 11 miles of roads and 1.1 miles of underground tunnels. Eighty-five acres are devoted to parking lots for more than 2,900 automobiles.

The entire General Motors Technical Center project required 378 miles of wiring and more than 12 miles of underflow ducts in its buildings. Also, more than 56 miles of fluorescent tubing is used in the lighting system.

The power house at the General Motors Technical Center is capable of

producing 320,000 pounds of steam pressure per hour.

On the 320-acre site of the General Motors Technical Center are more than 13,000 trees. Of these 10,986 are small forest trees and more than 600 are from 25 to 60 feet high. Also part of the landscaping are 55,941 ground cover plants and 3,180 shrubs.

One hundred fifty-five acres of the 320-acre General Motors Technical Center site consist of lawns. They require 15 1/2 tons of grass seed and 58 tons of fertilizer.

For parking lots and surrounding areas at the General Motors Technical Center, 300 street lights on high lamp posts are used. They require 47 miles of wiring. Around the central court of the project the road lighting is accomplished by a series of mushroom shaped fixtures four feet high, specially developed and designed. Each of the colored glazed brick endwalls of buildings are floodlighted by night. Also, 280 of the trees on the site are lighted by mercury vapor lamps recessed in the ground.

General Motors Styling, occupying three major buildings at the south end of the GM Technical Center, employs more than 1,000 people and is considered the largest design center in the world.

Special lights in the Styling building of General Motors Technical Center are used in the Interior and Color Studio to give stylists absolutely true color, an important factor in matching and selecting color combinations for both interior trim and exterior finish of General Motors automobiles.

Each step in the "floating" spiral staircase in the lobby of the Research Staff administration building at General Motors Technical Center weighs 1500 pounds. The entire structure with 23 steps and a large stone top landing weighs more than 20 tons.

In the Fuel Blend building of General Motors Research Staff at the GM Technical Center is a "switchboard" for routing proper fuel to engine test cells in the nearby Engineering Research building, where automotive, diesel and other engines are running on dynamometers. The "switchboard" is operated in much the same manner as a telephone switchboard, with actual fuel lines being plugged in to connect with the various test cells.

A wide planting box in the lobby of the Manufacturing Development building at General Motors Technical Center contains a miniature grove of blooming orange trees in a bank of philodendron. The grove is nourished by a built-in water system and sun from a skylight above the lobby.

A 100-mile-an-hour airstream can be whipped up in the Research Staff Wind Tunnel building at General Motors Technical Center. The tunnel is built for full-size vehicles and is used to study effects of air velocity and temperature on the operation of automobiles and medium size trucks and automotive components, such as carburetors, air cleaners or air conditioning systems.

The Isotope Research Laboratory at General Motors Technical Center has working space for 30 people. It is one of the country's largest privately owned laboratories for exploring potential uses of radioisotopes in industrial research.

Production designs for three foreign makes of General Motors automobiles are worked out at the General Motors Technical Center. GM Engineering Staff's Vehicle Development group, cooperating with GM Overseas Operations, has built production prototypes of the Opel Kapitän (German), the Vauxhall (British) and the Holden (Australian).

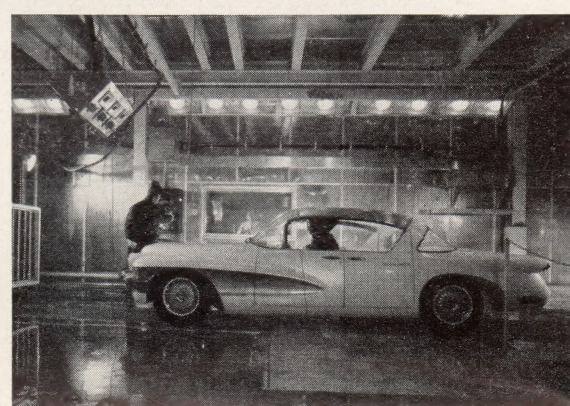
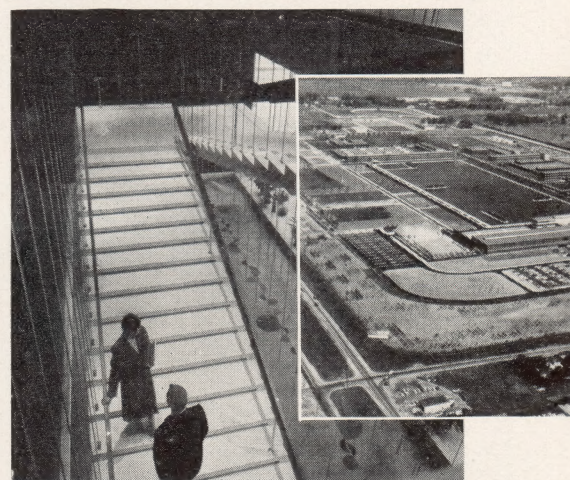
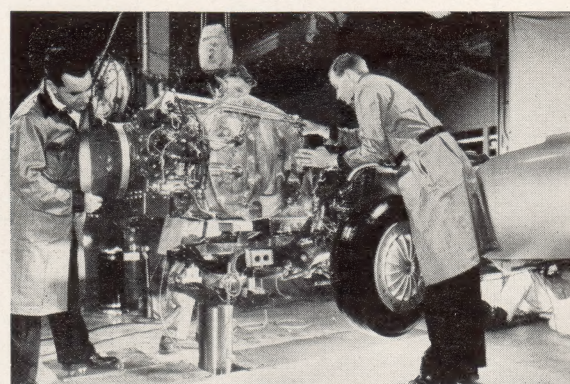
On two occasions the American Institute of Architects has awarded its top prize to Eero Saarinen & Associates, designers of General Motors Technical Center. The awards were made for the three-building GM Engineering Staff group and the Technical Center Central Restaurant building.

## NEWS FROM DEP'T. 125

Ernie Morofski—Reporter

Birthdays: May 2nd—Richard, son of Edward Kopec, eight; May 6 Denny Michael, son of Armand Gorczyca, one; May 12; Gary Lane, son Clarence Spicer, one; May 14; Sharman, daughter of James H. Stewart, six; Patricia, daughter of John Petka, one; May 16; Alden Leitz, 32; May 18 Kathy, daughter of Ursule Sosnowski, eight. Boy Scout Exposition. State Fair Grounds—May 17-19, all kinds of scout and cub demonstration and display. Minimum charge for admission. May 24; Veronica, daughter of Stanley Puroll, two; and May 27; Cynthia, daughter of George Bugosh, five.

## VIEWS OF THE FABULOUS GENERAL



UPPER LEFT: Installation of gas turbine engine in search staff; UPPER RIGHT: Typical dynamometer room showing operator at console remotely controlling engine of GM Styling Administration Building. Staircase is su Motors Technical Center, looking south to north, sho CENTER RIGHT: One hundred forty foot stainless ste lake. Capacity 250,000 gallons. LOWER LEFT: Experi LOWER RIGHT: GMC Truck & Coach Division studio

## RETIREMENT SEND-OFF



Employees of Department 121, Second Shift, gathered off on the occasion of his retirement.

## GIVE—BUT GIVE WISELY!

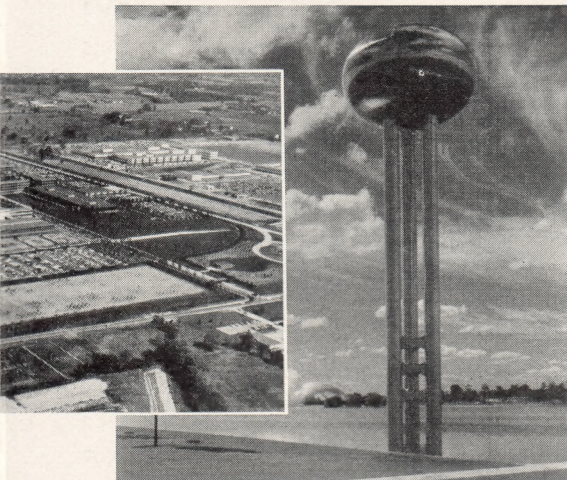
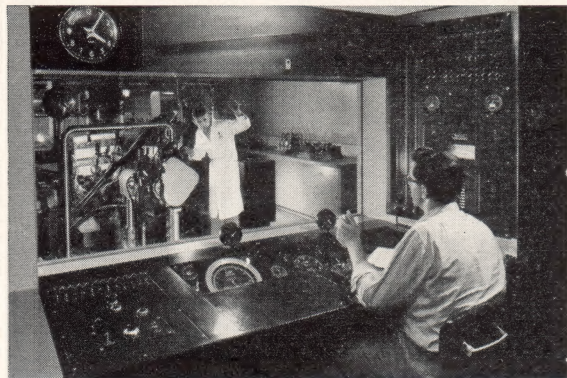
A sordid tale of profit in the name of charity was recently unfolded at public hearings in New York City during the week of January 9th. It was found that of 1,690 charities which have filed financial reports with the Charities Registration Bureau, the cost of raising funds for 300 is more than 25% of the money brought in. In 86 of the charities registered, more than 50% of the money raised is "used" for promotional purposes.

Among other shocking disclosures were facts on how . . .

- The National Foundation for Asthmatic Children, Tucson, Arizona, raised \$547,000 last year of which only \$70,000 went to the children.
- A professional promoter obtained donations from baseball stars for the "Community Services Fresh Air Fund," Newark (N.J.) without one penny ever reaching the charity.
- A taxicab driver with a criminal record set up the Fifth Avenue Cancer Fund and disappeared when investigators sought to question him.
- Professional promoters contracted to raise money for the National Association of Veterans' Employ-



## GENERAL MOTORS TECHNICAL CENTER



Firebird II, Gas Turbines Research Building, GM Research Staff, in test. MIDDLE LEFT: Suspended staircase in lobby. CENTER: Aerial view of General Motors building groups around 22-acre artificial lake. RIGHT: Steel clad water tower at northeast end of 22-acre artificial lake. BOTTOM: Experimental car in cold test laboratory, GM Research Staff, in GM Styling.

## FOR CHARLES WARREN



Group around Charles Warren on March 29th to give him a send-off.

ment Councils by unordered merchandise mailings under an arrangement whereby the first \$898,000 taken in would go to the fund-raisers before any money would be available to help veterans get jobs.

Individuals are urged to get the facts from The Better Business Bureau whenever they are asked to contribute. The Bureau reports on fund-raising appeals as well as on philanthropic groups.

—National Better Business Bureau

### No Place Like—

Among other wonderful things going on in our land these days is the record number of new homes that people can buy and enjoy. There have been built almost 8,000,000 new houses in the last 7½ years—a new house for one American family in every five. We are becoming a nation of home-owners.

### Merrily We Roll

The automobile—once considered an expensive luxury—has become a necessary working tool in two-thirds of our American homes. A recent survey showed also that more than half of all the employed persons in the United States use passenger cars in earning their living. Production and distribution of motor cars furnishes more than 1,000,000 people with jobs.

## DEDICATION

(Continued from page 1)

This staff also furnishes special facilities and engineering service to various GM divisions, and also has a group working on future projects in the appliance field.

Styling serves as a central styling and design staff with its separate studios for each of GM's automotive divisions—Chevrolet, Pontiac, Oldsmobile, Buick, Cadillac, GMC Truck & Coach. Other studios serve Frigidaire Division and other non-automotive divisions. Process Development Section works on engineering studies and experimental, exploratory project to improve manufacturing techniques and processes that, in turn improve plant efficiency, increase quality and lower cost of products. Another Manufacturing Staff organization, Production Engineering Section, also is headquartered at the Technical Center.

Technical Center Service Section operates and maintains utility systems, communications, medical facilities, restaurants, plant protection, road and landscaping of the Center as a whole. It also performs special services for other staff operations at the center.

The design and architecture of the 25-building Center at Warren, Mich., north of Detroit, the auto capital, symbolizes the dedication of its more than 4,000 employees to a better tomorrow through a bold look today.

Set on a 320-acre site, in an overall area of more than 900 acres, the campus-like Technical Center buildings are grouped around a 22-acre artificial lake. They combine beauty with practicality, functionalism with flexibility for the advancement of science and technology.

The three-story buildings have "window walls" and make extensive use of color glazed brick end walls in hues of red, orange, yellow, royal blue, gray and black.

The non-brick wall area is porcelain enamel metal panels. Only two inches thick, they have the insulating quality of 14 inches of masonry. This type of construction is another GM first.

The buildings are in five clusters, each group with its own color scheme and design, but at the same time conforming to an overall theme.

Setting off the project are a gleaming 132-foot stainless steel clad water tower and a 65-foot aluminum sheathed dome with a 188-foot span—the Styling auditorium—which captures the Michigan sun like a colossal bubble.

Water is also used with spectacular effect outside. Rising up from the artificial lake are two fountains. One, just beyond the Main Gate, sends up a wall of water 115 feet long and 50 feet high. Six-thousand gallons of water a minute rush through the jets. All the water is recirculated.

The other lake fountain is a "mobile" of water, created by the internationally famous American sculptor, Alexander Calder. Located at the northwest end of the lake in front of the Research Administration building, the 21 jets shooting 40 feet high are a ballet of water, rising, crossing, falling with different pressures, speed and sound.

A third fountain is a flower-like spray of water 24 feet in the small reflecting pool in front of the Styling Section Administration Building. All of the fountains, many of the trees and buildings are lighted after dark to give an Arabian nights effect.

The Center is landscaped with 155 acres of lawn, 13,000 trees and 3,200 shrubs, plus 56,000 ground cover plants. The shrubbery and trees screen 85 acres of parking lots.

## CANTEEN FACTS AT OUR DIVISION

Approximately six tons of candy, cookies, and nuts are vended through Canteens each month.

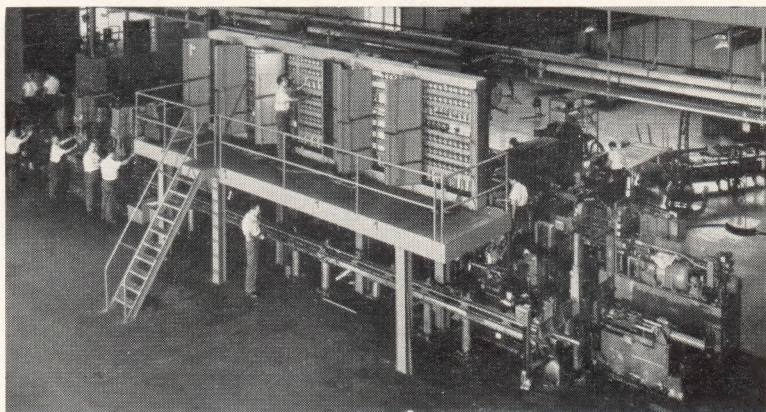
If you have wondered why you have never tired of the selections of candy in Canteens, it's because you have been offered eighty varieties during the past six months.

Enough cigarettes are purchased through Canteens each month to reach from Detroit to Willow Run—provided, of course, they were placed end to end.

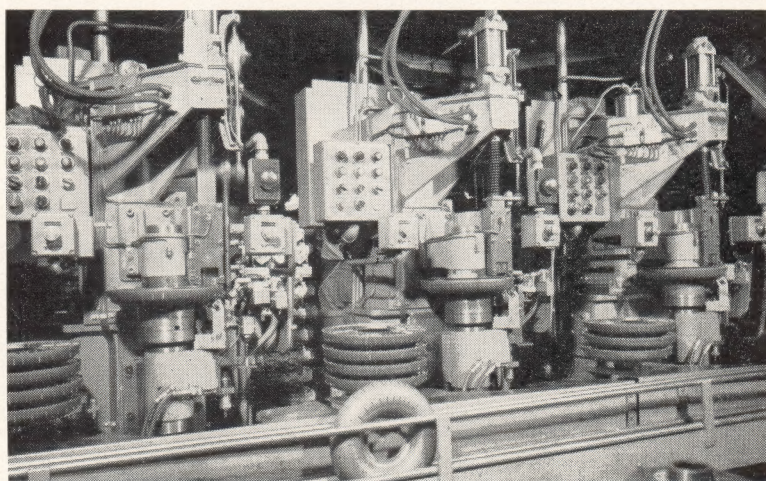
To quench your thirst requires about 12,000 gallons of carbonated beverage each month.

4,500 units of milk are vended each day from the milk machines.

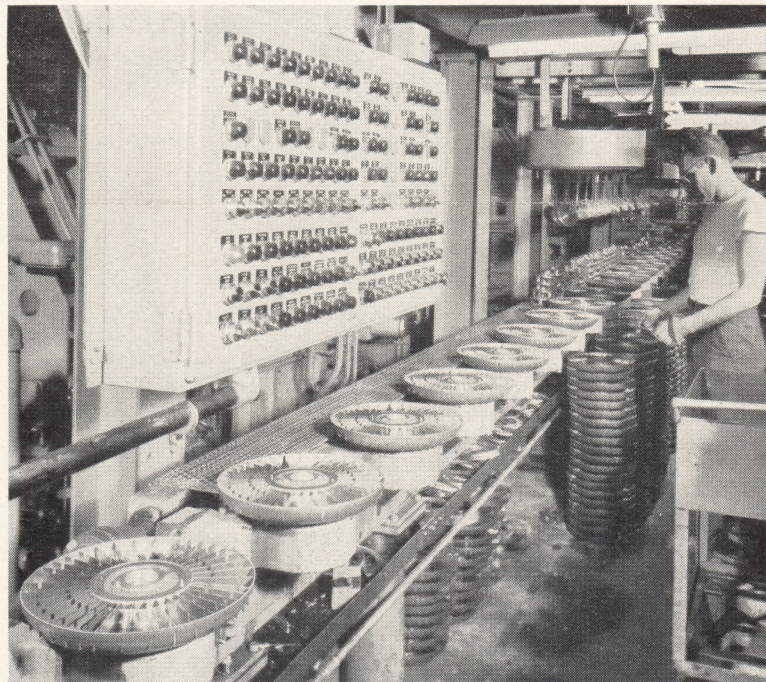
## MAIN TORUS ASSEMBLY MACHINE FOR 1956 HYDRA-MATIC



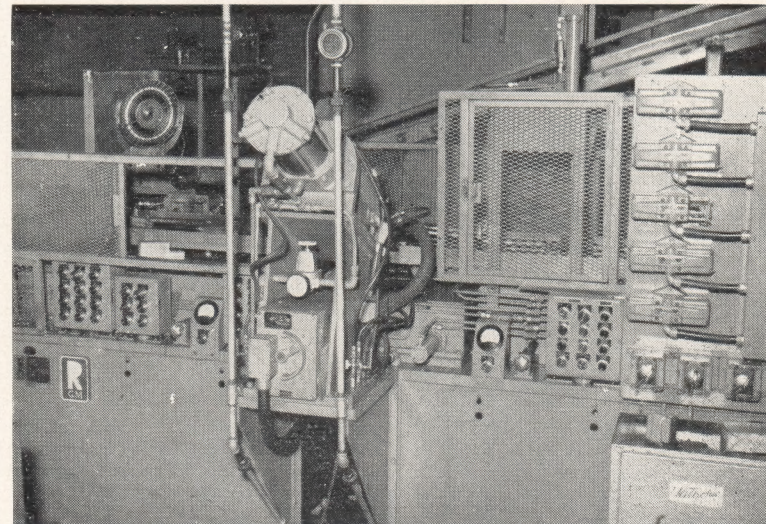
Assembly machine for the 1956 Hydra-Matic main torus assembly as developed by the Process Development Section of the General Motors Technical Center, and Detroit Transmission Division.



View of the automatic vane loading machines that precede the automatic torus assembly machine.



Loading and control section of the automatic torus assembly machine. Finished assembly prior to automatic balance, also tied into this machine.



One of three balancers used on the main torus assembly that automatically loads, finds the unbalance, transfers to the weld station for a correction weight that is automatically cut from a coil of steel to a specified length determined by the unbalance station, and then transfers to a recheck station before automatically unloading. This machine was developed by General Motors Research Technical Center, and our Division.

### Up, and Up, and...

The American standard of living has been rising at about the same rate as industry's investment in more and better equipment for making things. More than three times as much is in-

vested for each manufacturing job today as was invested 35 years ago—\$12,500 compared to \$4,000. And in the same period, "real wages" more than doubled.

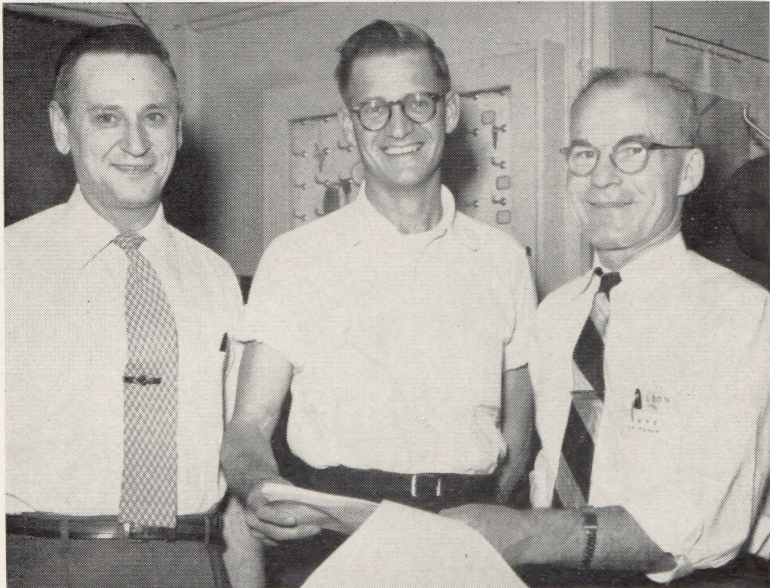




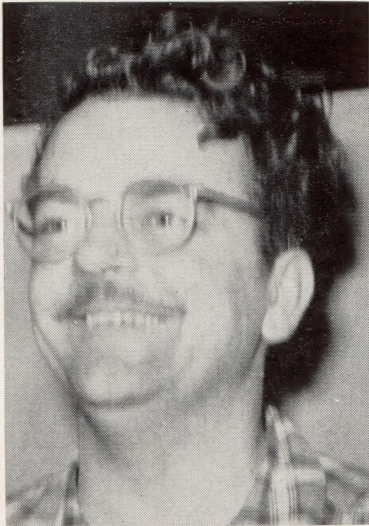
Be a Winner! Earn

# NEW AWARDS

send in YOUR Ideas



ROBERT MUTH, 814-125, center, Cutter Grind, pointed out that savings could be made by using Multi-Spindle Guns to tighten bolts. Bob recommended samples possible and eventually his idea was developed for a substantial award of \$1382.42. On the left and right are S. Pawelczak and E. Harless, Foreman and Asst. Supt. of Cutter Grind, respectively.



HARLAN BOUSSUM, 815-068, Tool Room, was awarded \$78.36 for suggested use of a collet and positive stop to eliminate search for size when grinding Ram Punches.



WALTER M. JAZOWSKI, 813-125, Machine Repair, won a \$50.00 Bond for his suggestion of providing a different lubricating method on gibs of certain bobbars.



ARTHUR GALECKI, 220-061, and WALTER KOGOWSKI, 220-391, both of the Case Division, split an award for their adopted idea of a safety walk around certain machines.

You, too, can improve on a part or a tool by your suggestion. Try it today.



CHARLES SHERWOOD, 853-006, and Berlin Shuler, 853-1042, both of Plant Protection, each won \$15.00 for their suggestions. Charles' referred to numbering Company cars and Berlin's was a "Close Clearance" sign for safety warnings.

### SUGGESTION HINTS

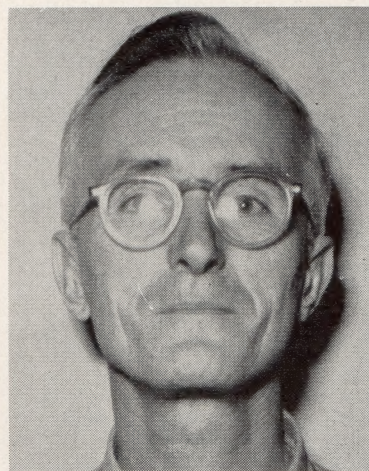
Valuable ideas come from seeing conditions, using imagination and plain common sense.

This Division must reduce material losses, high scrap and excessive tool usage. Can you and will you help?

Get credit for the idea on the job by using a suggestion blank and turning it in.

Ask yourself—Can I improve, change, combine, reduce—what, where, who?

CLAYTON CLAIR, 780-641, Inspection Division, won a \$25.00 Bond for suggesting installation of a wire mesh net to prevent stock falling into Washer equipment.

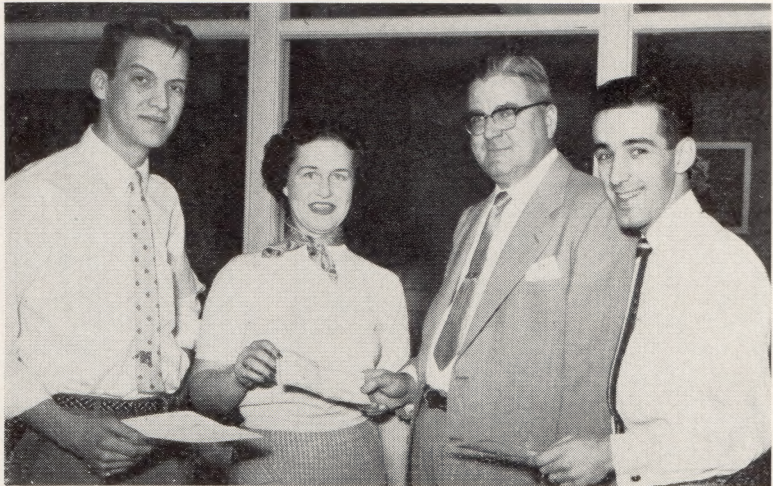


ELBERT CAMPBELL, 334-144, Controls Division, suggested a holder to handle stock more effectively and reduce hand lacerations. A \$25.00 Bond was awarded this adopted idea.



### SUGGESTION AWARDS—MONTH OF FEB., 1956

GEAR DIVISION			Award
Name	Badge No.		
Loyce E. Brookins	120-714		\$ 15.00
Bobbie Landon Earls	112-245		15.00
			15.00
Frank A. Petrill	140-002		2500.00
John Francis Seman	122-014		15.00
CASE DIVISION			
Arthur C. Bojarski	220-168		15.00
Arthur S. Galecki	220-061		7.50
Walter V. Kogowski	220-391		7.50
James H. Whiteaker	214-006		15.00
CONTROLS DIVISION			
Mike Bilinsky	335-019		25.00 Bond
Ernest F. Bohr	336-070		396.00
Everett Bowers	320-006		25.00 Bond
Elbert D. Campbell	334-144		25.00 Bond
Robert Helmick	314-129		15.00
George A. Lang	323-003		89.68
Lewis J. Murawsky	336-004		88.00
George H. Opalicky	326-005		75.00 Bond
John M. Paluch	340-254		15.00
Joe A. Rysztak	364-226		21.49
Andrew J. Surgeon	323-011		25.00 Bond
TORUS DIVISION			
Jerome W. Hubbard	413-259		25.00 Bond
Duval Rogers	411-006		15.00
Frank Stone	432-001		15.00
ASSEMBLY DIVISION			
Estill Caudill	622-476		25.00 Bond
Peter Manor	610-378		25.00 Bond
J. J. Podgorski	610-168		75.00 Bond
INSPECTION DIVISION			
Claude E. Brown	780-361		50.00 Bond
John A. Bugaiski	780-102		15.00
Clayton W. Clair	780-641		25.00 Bond
James Gallagher	780-448		15.00
Reino W. Kinnunen	730-059		15.00
Robert E. Mawn	780-239		15.00
MAINTENANCE DIVISION			
Lucian S. Cwiek	802-1052		77.65
Walter Destrampe	802-855		99.18
Harold W. Gabler	802-202		181.40
Dan Kasonovich	802-540		320.00
Ernest J. Keeskes	802-052		99.18
Edmund W. Kozlowski	802-084		15.00
C. S. Perkins	802-102		100.00 Bond
Laverne Pike	802-1057		243.76
Robert Ramsey	802-147		25.00 Bond
Herbert L. Smelser	802-043		181.40
Clifford Wilford	802-086		15.00
NON-PRODUCTIVE AND SALARY DEPARTMENTS			
William E. Beard	815-494		10.00
George Beely	815-483		25.00 Bond
Harlan Merle Boussum	815-068		78.36
Frank Carol	814-507		15.00
Roy E. Chitwood	872-023		15.00
John H. Collister	853-072		25.00 Bond
Alfred C. Curtiss	815-041		15.00
			25.00 Bond
Herman C. Cutshaw	814-090		15.00
Clarence W. Davis	812-062		77.00
James Durham	815-458		7.50
Clifford A. Ertman	831-502		15.00
R. Foster	881		25.00 Bond
Raymond H. Gan	813-453		115.64
Alex J. Herdizik	812-061		25.00 Bond
Walter M. Jazowski	813-125		50.00 Bond
Margaret E. Koss	881-218		15.00
John Kozleski	815-477		7.50
Joyce M. Langdon	831-019		15.00
Janice E. McQuaid	620-013		25.00 Bond
Lillian T. Moore	872-022		15.00
Philip Morris	815-442		26.50
			25.00 Bond
Robert Muth	814-125		1382.42
Floyd K. Oliver	815-331		25.00 Bond
Michael Pazyniak	815-100		15.00
R. D. Roberts	815-460		10.00
Arthur C. Rocco	814-454		15.00
Glenn V. Seaver	815-479		25.00 Bond
Charles Sherwood	853-006		15.00
Berlin T. Shuler	853-1042		15.00
Clifford R. Thompson	815-455		15.00
Stanford R. Vokes	872-004		15.00
Robert J. Warner	834-008		15.00



STANFORD VOKES, 872-004, LILLIAN T. MOORE, 872-022 on left, and ROY E. CHITWOOD, 872-023, right, all of Service Department, won \$15.00 apiece for their ideas. Stan and Roy developed new stationery form for use in keeping service records and Lillian suggested use of a safety warning when overhead crane is in operation. Pat Treanor, third from left makes presentation.

### GENERAL MOTORS SUGGESTION PLAN

It has been established for the purpose of giving YOU recognition.

1. Your IDEAS will be recognized by being put into use if they are an improvement.
2. You will be acknowledged by an award.
3. Your fellow employees will be working under the improvement —YOUR IDEA.

Why not study your job and the job of others. Ask yourself, Isn't there a better way?

Turn your idea in today! Show your fellow employees how you suggested improved tool performance or reduced operator effort.

If you have an idea for improving your job, tell us about it on a Suggestion Blank. What's your idea for fixing it?

### Long Flow

Start with an "old man" in a song  
And have him flowing all along.  
Change R and V to L and O,  
Rearrange, to France you'll go.  
Change L and I to H and N,  
Rearrange, you're Swiss-bound then.  
Change O and I and it could be  
You'll flow right into Germany.  
Change R and H to S and E  
And flowing back to France you'll be.  
Change S and E to G and R,  
Rearrange, and south you are.  
Change I, E, R to K, O, O,  
Rearrange, still south you'll flow.  
Change G and O to Y and U,  
Rearrange, near home are you.  
All these letters take away  
You'll have S C O P E in which to play  
And end up in the U.S.A.

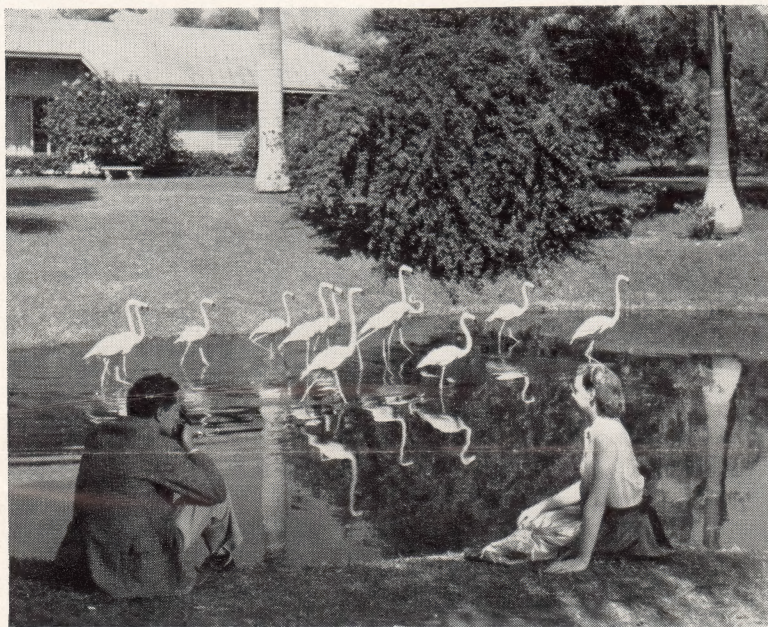


# SPORTS AND RECREATIONS

## VACATIONING WITH YOUR CAMERA



A camera is a must when taking a holiday trip to California. Here, a couple pause for snapshots at La Jolla in the southern part of the state.



Flamingos rate a camera using color film to capture their true beauty. This vacationing couple take advantage of the natural setting at Sarasota Jungle Gardens in Florida to snap their pictures.

## IT MAY BE UNDER WATER

During recent months there has been an ever increasing flood of spectacular advertising via newspapers, radio and TV urging just about everyone in the country to invest in unseen building lots in some of the country's better known vacation spots. Because it is possible that much of this sales pitch may be based on inaccurate facts, Corporation and Securities Commissions in many states are recommending that prospective purchasers thoroughly check all advertising claims before writing out a check. Here are some of the recommended precautions to take before parting with your money.

First, insist upon knowing who the promoters are and who is behind the offer. Also, what their experience and past performance record has been. Then insist on receiving the following authenticated information . . .

- Exactly where is the property located? How far from a paved highway? From the nearest town?
- Who owns the land, and is it free and clear? If mortgaged, is there a release clause?
- What improvements have actually been put in to date?
- Have the lots been surveyed and streets laid out and graded?
- Are there any paved streets? Sidewalks? What public utilities are available?
- What is the cost of assessments you will be called upon to pay when future improvements such as streets, sidewalks, water, electricity, sewers, drains, etc., are put in?
- Are there water mains or must individual wells be dug?
- Are there sewers or must septic tanks be put in? If the latter, is such installation authorized?
- Is the land dry or must it be drained? If the latter, what plans have been made for such drainage?
- Is the property located in an area made undesirable by odors from nearby waters?
- If job opportunities are held out as an attraction, insist upon substantiation of such claims from an unbiased and authoritative source.
- If a lot in an undeveloped piece of acreage is presented as an "investment opportunity," recognize it for exactly what it is—nothing but pure speculation.
- When you are asked to pay so much down and so much per month over a period of years to long-distance strangers—insist on knowing what safeguards have been set up to assure that you will actually own the lot when the payments are completed.

In conclusion, don't be dazzled by the mist of distance or the magic of words. Remember—there's nothing fabulous about Florida or any other long-distance lot selling promotion. Be as practical as you would be about considering the purchase of a lot next door.

## GM CHORUS

The General Motors Chorus will present a medley from Jerome Kern's "Show Boat," at their 4th Annual Spring Concert in the Masonic Temple on Sunday afternoon, May 20, 4:00 p.m., under the direction of Robert S. Hines, and accompanied by Ole Foerch on the organ and Herbert Rupp on the piano.

The famous GM Chorus, consisting of 100 mixed voices and soloists, is made up of employees and members of their immediate families. Organized in 1933, the Chorus has brought many pleasurable hours of music to organizations throughout Michigan.

Director Robert S. Hines took over the post as conductor of the Chorus in 1952, at which time the Spring Concert was originated. Mr. Hines is a graduate of the Juilliard School of Music in New York City.

Herbert Rupp has been accompanist for the General Motors Chorus for 10 years. Ole Foerch, well-known for his fine organ music, is staff organist at WWJ.



Thomas Tipton, baritone, will be one of the soloists performing with the General Motors Chorus when it presents their 4th Annual Spring Concert at the Masonic Temple on Sunday afternoon, May 20.

Mr. Tipton, from Wyandotte, Michigan, made his operatic debut at the New York City Center in 1952. His brilliant performances, both in opera and in concert, have been received with enthusiasm by critics and audiences in all parts of our country.

Admission to the Spring Concert is free and open to the public.

## TORNADO!

Tornadoes, the most violent and spectacular storms produced by nature, are a menace to the life and property of almost everyone living between the Rockies and the Atlantic. The zone of maximum frequency follows the seasonal trend of thunderstorms and hailstorms. Tornadoes occur in the eastern Gulf States at the beginning of the year, then advance north-westward. They are usually active until late September.

Knowing what to do in a tornado may mean the difference between life and death even though there is no universal protection except in caves or underground excavations, such as "cyclone cellars." Here are a few suggestions . . .

**In open country.**

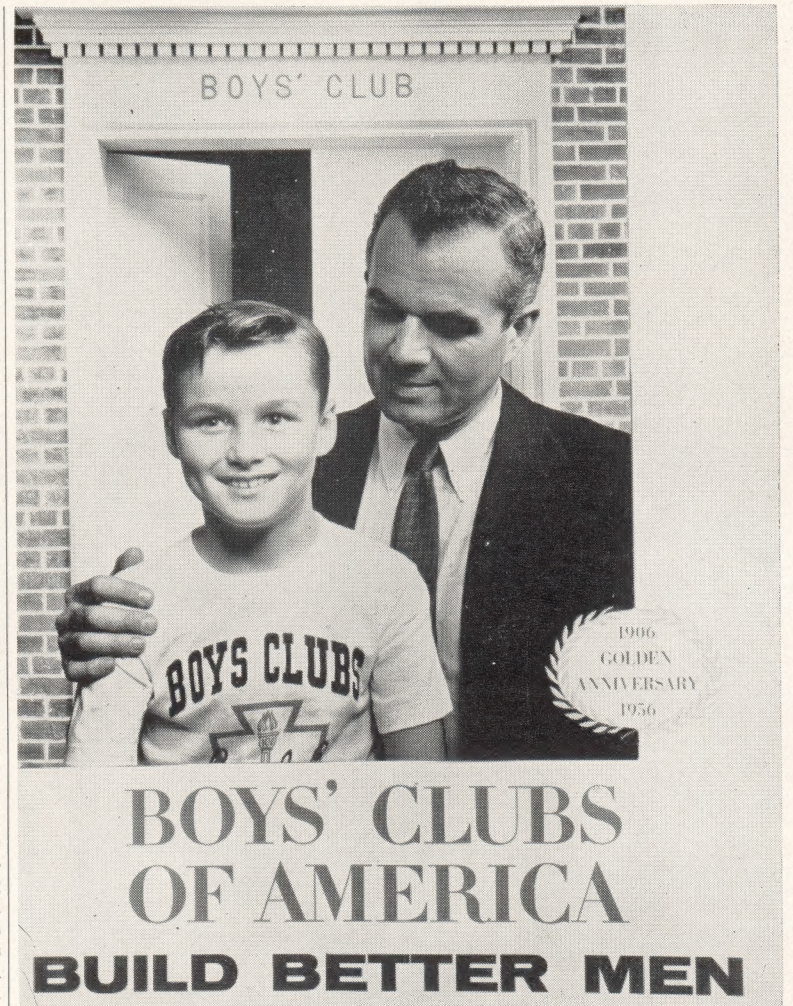
- Move at right angles to the tornado's path. Tornadoes usually move ahead at about 25 to 40 miles per hour.
- If there is no time to escape, lie flat in the nearest depression, ditch or ravine. A deeply plowed field offers protection.

**In town.**

- Stay inside, preferably in a strongly reinforced building. Keep away from windows.
- The southwest corner of a basement usually offers the greatest safety, particularly in frame houses. People in homes without basements should look for shelter outside.
- If time permits, electricity and heating appliances should be shut off. Doors and windows on the north and east sides of the house may be opened to help reduce damage to the building.

**In school.**

- In city areas, if the school building is of reinforced construction, stay inside, away from windows, remain near an inside wall on the lower floors when possible. Avoid auditoriums and gymnasiums with large, poorly-supported roofs.



• In rural schools that do not have reinforced construction, go outside and lie flat in a ravine or ditch if no cyclone cellar is available.

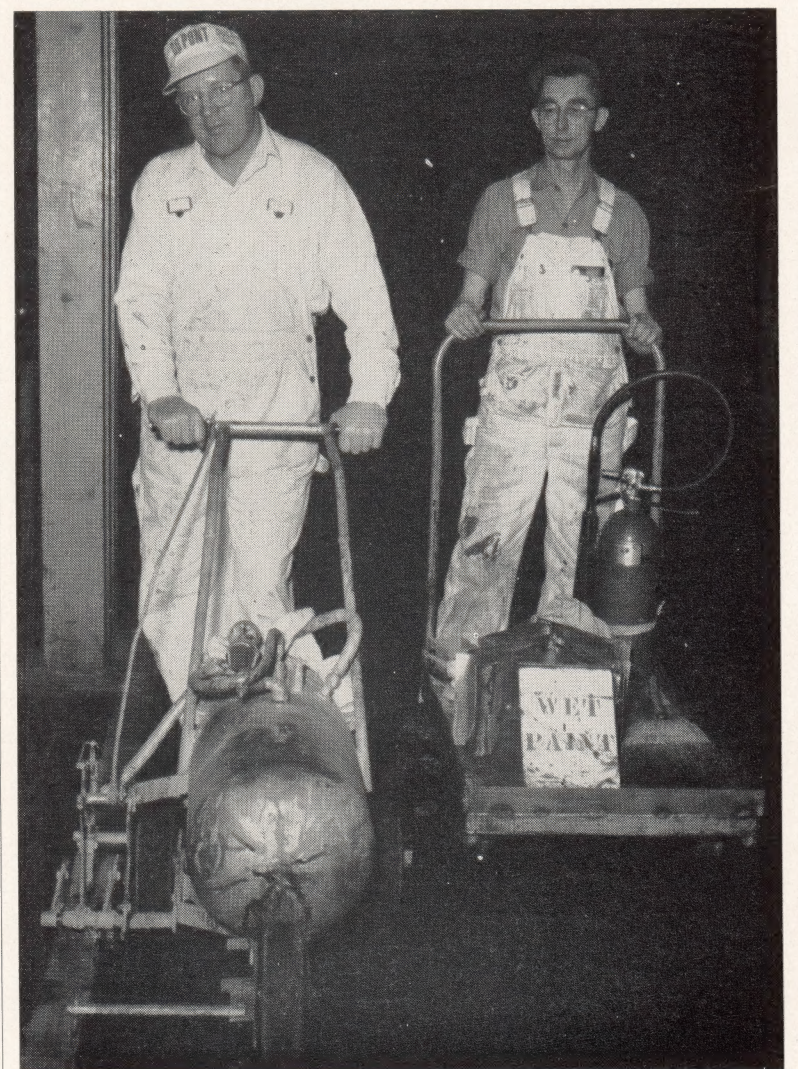
## PUBLIC SERVICE

As a member of the Grosse Ile Dutch Elm Disease Control Committee, the editor has developed a folder on the disease, that is menacing the beautiful elm trees of Michigan. There is no known cure for the disease, which can kill a tree within a few weeks . . . many communities are undertaking

Spring and Summer spraying programs as a disease control method. The average home owner can spray a tree twice a year, for ten years, for the cost of having any diseased tree removed and burned, as required by law. Anyone interested in undertaking a community program can secure a folder from the editor.

There are about 1,400,000 gasoline pumps of varying ages in the nation's 400,000 primary and secondary service stations.

## THEY "WONDER WHERE THE YELLOW WENT"



Bob Downs and John Barta (Dep't 802) are kept busy replacing the yellow aisle boundary lines.



## FOR SALE OR TRADE

Zeiss Ikon Contessa 35mm camera with F 2.8 tessar lens and built in light meter for 1954 or 1955 5 H.P. outboard motor in first class condition. H. W. Clark, Tabulating Dep't. Ext. 7164 or Phone Ypsi 4715 M.

## WANTED TO BUY

Whip socket for a buggy whip; china cuspidor. Editor—Colonel Harvey, Ext. 309.

## NAME WANTED

Suggestion Department holds Suggestion No. W11972. Who turned it in?

## FOR SALE OR RENT

27 foot, three room house trailer. \$300.00. For rent with lot \$40.00. Can be seen at 46537 Ecorse Rd., Lot No. 34. Roy Brown, Dept. 353, first shift. —or phone Ypsilanti 934R.

## RIDER WANTED

Room for one rider from vicinity of W. Chicago & Schaeffer Highway on 8 A.M.—4:30 P.M. office hours. Vic Vizgird, Engineering, Ext. 439 or WE 3-7459.

## PROTECT YOUR CHILDREN

"Want some candy?" "Will you help me find my dog?"

These questions asked a child by the average person are certainly proper and harmless. But it's these same simple questions that criminals, intent on harming a child, find most effective.

Every large city has its share of individuals who prey on children and almost every child molested has been lured by an offer of candy, toys, a ride or a request for help. Children love candy and they seldom refuse to help someone who is smiling and pleasant. Few children are ever kidnapped. They must be fooled into accompanying a stranger. It is ironic that the very confidence most youngsters have in adults is what makes them easy victims.

Of prime importance in the prevention of these crimes is the proper education of children themselves. It is important that our children are made aware of the dangers encountered when meeting or talking to strangers.

On parents alone rests the responsibility of preparing their children on how to best meet the danger involved in the possible approach of a molester. They should be taught these rules...

- Never accept a ride with a person that you don't know.
- Never go with anyone who offers you toys or candy.
- Never go with strangers who ask you to help them.
- Never wait near public rest rooms.
- Never play in alleys or in old buildings.
- Always go straight to school — with a pal. After school, go right home.

Children should be taught never to permit any stranger to touch their body or clothing. The appearance of any person who attempts to molest them should be reported to the police immediately. If a car is used, they should try to get the license number and notice the color of the car. They should report any advances made to them to the first responsible person they meet, safety boy, their teacher, theater manager or owner of the nearest store.

Parents who realize the value of preventative education can give their children a new freedom from fear. They can be more sure their children will not become victims of a heart-breaking tragedy.

Plant Paper Services

## TIME TO SHINE

Each morn I rise and look a site  
My gosh, lookout, it must be nite  
But no, it's just a watchman's plite  
To rise when others are tucked in  
tite.  
To the squad room I wend my way  
To start preparing for the day.  
My brass and shoes I daily shine  
My uniform all brushed and fine  
And when I step into the line  
I'm glad I had that time to shine.

Charles C. Carmany  
Plant Protection

LOVELY SCARF  
ACCESSORY

A lovely scarf accessory trimmed with delicate lace is a perfect wardrobe refresher. This fragile style is made of nylon tricot and edged around with gossamer nylon lace. You can wear this scarf as shown or to outline a V-neckline. Its fresh whiteness will contrast beautifully with Spring's perennial navy.

The direction leaflet for this scarf also contains cutting and sewing directions for a ruffle-edged organdy cape collar and a perky chintz half apron. No. W-150, is available to you, free of charge, at Hydra-Matic Office.

## TORSO STYLE



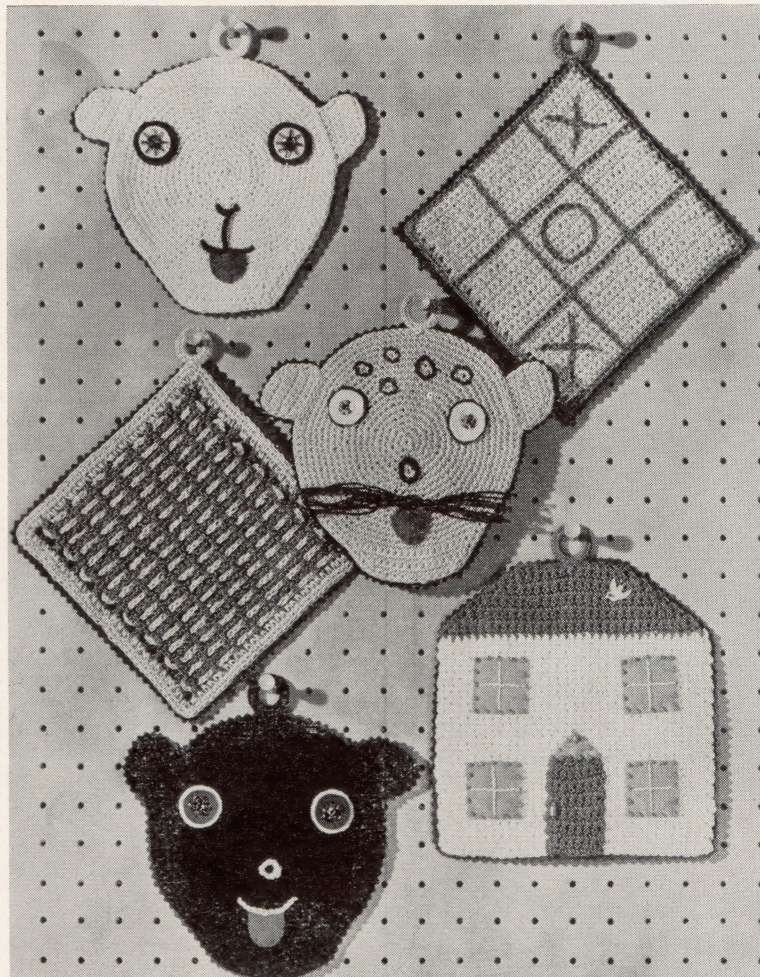
Gordon J., three year old son of Jack and Jennie Stewart (the former of Dep't. 360).

## GRADUATE



Sonia, daughter of John Liput (813-114) who graduated from the Wayne University, College of Nursing in January, 1956.

## POTHOLDERS



Perk up your kitchen with a variety of potholders crocheted in a jolly mood. This picture gallery of potholders includes a polar bear, a leopard and panther with sequins as their sparkling eyes; a quaint, little house with nail head trim (wonderful as a house-warming gift in the colors of the new home); a novel tick-tack-toe design, and a plaid design. All potholders are made of double-thick crochet cotton with the exception of tick-tack-toe, done in the new cotton and metallic yarn. The instructions for making the six designs, plus those for a happy lion potholder, are contained on the direction leaflet. Directions for PICTURE POTHOLDERS, No. S701, is available to you, free of charge, at Hydra-Matic office.

Wintertime is also the time for winter cruises to South America, the Caribbean, the Pacific. And for any of those trips, a camera is a must to capture the fun-packed days afloat.

You'll love the way this lacy torso blouse flatters your figure. Crochet it of soft baby wool or metallic cotton in a favorite color. This special-occasion, button-front blouse features a wide neckline and tiny cap sleeves. It's worked in a striped design of solid and openwork crochet, and trimmed with rows of colored and gold sequins and beads. Directions are given in sizes 12-14-16-18.

Directions for LACY TORSO BLOUSE, No. S-725, is available to you, free of charge, at Hydra-Matic office.

How To File Claims For  
General Motors Life  
Insurance

1. The employee's family or beneficiary should call the Insurance office, LOgan 5-5000, extension 7167 or 7168, as soon as possible after the death of an employee. Claim forms will be delivered to the beneficiary.
2. The beneficiary should complete the Claimant's Statement

portion and have the attending physician complete the portion indicated for him or in lieu thereof, an official Death Certificate may be furnished. The claim should be returned to the Insurance Office.

3. In the event of an emergency requiring an especially prompt payment of benefits, the Insurance Adjuster should be informed when the claim form is returned and he will endeavor to expedite payment.

4. The beneficiary may receive the amount due him in a lump sum or in installments. He must indicate on the settlement election form the payment method he prefers.

5. When the claim forms are returned, the Insurance Office submits them to the Insurance Company where they receive prompt attention.

6. When the Insurance Company returns the check, the beneficiary will be notified and arrangements will be made to have the check delivered to him.

PERSONNEL RECORDS CELEBRATE BIRTHDAY  
OF LORAINNE AND DICK

Cake and coffee was the feature when Personnel records celebrated the birthdays of both Lorraine Mulligan and Dick Vykydal on March 14. L. to R: P. Feight, H. Eskuri, Jean Koss, F. Campbell, B. Rolfe, V. Cipirani, E. Motz, B. Acton, E. Mulligan, D. Stein, I. Sidun, F. Hayes, B. Duffy, D. Vykydal, J. Babiarz, B. Baldwin, P. Krynen.

## CONGRATULATIONS

April 22; To Mr. and Mrs. James Grimes (former of Inspection) latter formerly of Dept. 244 a son, Carl James, Wt. 5 lbs., 15 oz.



## HYDRA-STATIC



"I told mother I was in love—but she said I just needed a dose of sulphur and molasses!"

The soldier seemed puzzled and displeased by a letter from his wife. Noting his expression, his pal asked, "What's the matter, Bud? Trouble at home?"

"Looks like it," was the reply. "Leastways, we've got a freak in the family. It says right here in the wife's letter, 'You won't know Willie when you come back; he's grown another foot!'"

A woman went to buy a drinking trough for her dog. The shopkeeper asked her if she would like one with the inscription, "For the Dog."

"It really isn't necessary," she replied. "My husband never drinks water and the dog can't read."



"Oh, Frank dear...Yoo-hoo!... Are you well enough to see your boss for a few minutes?"

Woman: "My husband keeps dreaming he's a refrigerator."

Psychiatrist: "That's nothing. A lot of people dream they're something or other."

Woman: "I know, but he sleeps with his mouth open and the little light shines in my eyes."

Cop, to driver parked illegally: "Lady, can't you read?"

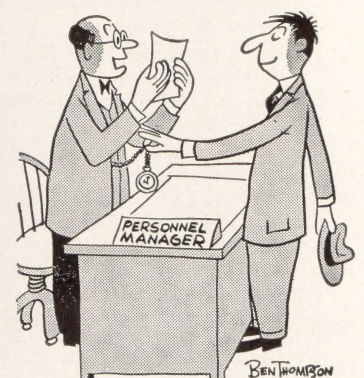
Lady: "Why certainly! The sign says 'fine for parking.'"

"So your husband has got a job at last," said a neighbor to Mrs. Smith. "Yes, he has," replied Mrs. Smith. "It is hard work and he says it's killing him. But thank goodness, it's permanent."

Joe: "When I get to bed at night I always see green signals and red signals in front of my eyes."

Mac: "Did you see a psychiatrist?"

Joe: "No, just green signals and red signals."



"... former employer says you're quick with your hands."